

**WORD
NUMBER
(16 BITS)**

DESCRIPTION

VALUE

1	FUNCTIONAL AREA ID	UNIQUE IDENTIFIER OF COMPONENT
2	MESSAGE TYPE	REGISTRATION (0x7)
3	UPPER WORD OF TRANSACTION ID	0
4	LOWER WORD OF TRANSACTION ID	0
5	UPPER WORD OF MESSAGE LENGTH	0
6	LOWER WORD OF MESSAGE LENGTH	
7	CAN HEADER	DESCRIBED BELOW
8-10	DATA	DESCRIBED BELOW

**SOFTWARE COMPONENT
REGISTRATION MESSAGE (HEADER)**

FIG. 2A

**BYTE
NUMBER
(8 BITS)**

DESCRIPTION

VALUE

1	DEVICE ID MESSAGE OPCODE	BITS 7,6=0 BITS 5-0=0x7
2	DEVICE TYPE, DEVICE NUMBER	BITS 7-4=0xF (UNUSED) BITS 3-0=0xF (UNUSED)

**CAN HEADER FOR SOFTWARE
COMPONENT REGISTRATION MESSAGE**

FIG. 2B

**BYTE
NUMBER
(8 BITS)**

DESCRIPTION

VALUE

1	DEVICE TYPE REGISTERING FOR	DEVICE TYPE
2	DEVICE CAPACITY	NUMBER OF DEVICES IN DATA BYTE 2 WHICH COMPONENT CAN CONTROL
3-6	CHANNEL HANDLE (32 BITS)	CHANNEL HANDLE TO WHICH DEVICE MESSAGES ARE PUBLISHED TO

**DATA FOR SOFTWARE COMPONENT
REGISTRATION MESSAGE**

FIG. 2C

VALUE MESSAGE TYPE

0x1	ALARM
0x2	COMMAND
0x3	ACKNOWLEDGE
0x4	STATISTIC
0x5	DOWNLOAD
0x6	MMI
0x7	REGISTRATION

FIG. 3

FRAME ID BITS 15, 14	MESSAGE OPCODE BITS 13-8	DEVICE TYPE BITS 7-4	DEVICE NUMBER BITS 3-0
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FIG. 4A

BYTE NUMBER (8-BITS)	DESCRIPTION	VALUE
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1	FRAME ID, MESSAGE OPCODE	BITS 7,6=FRAME ID BITS 5-0=MSG. OPCODE
2	DEVICE TYPE, DEVICE NUMBER	BITS 7-4=DEVICE TYPE BITS 3-0=DEVICE NUMBER

CAN HEADER

FIG. 4B

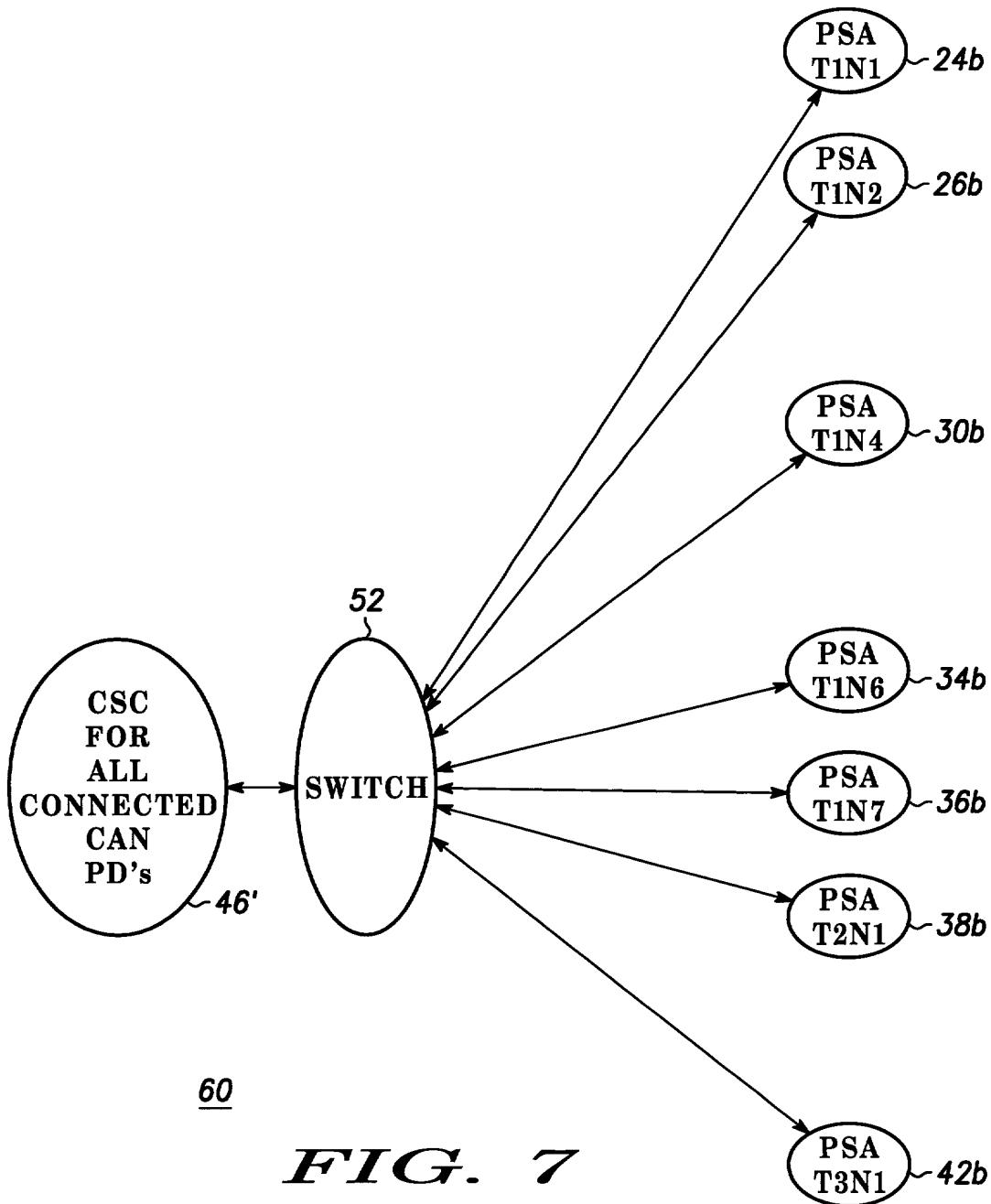
MESSAGE TYPE BITS 10-7	DEVICE TYPE BITS 6-3	RESERVED BITS 2-0
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FIG. 5

FRAME ID DESCRIPTION

0x2	START FRAME
0x0	MID FRAME
0x3	END FRAME

FIG. 6



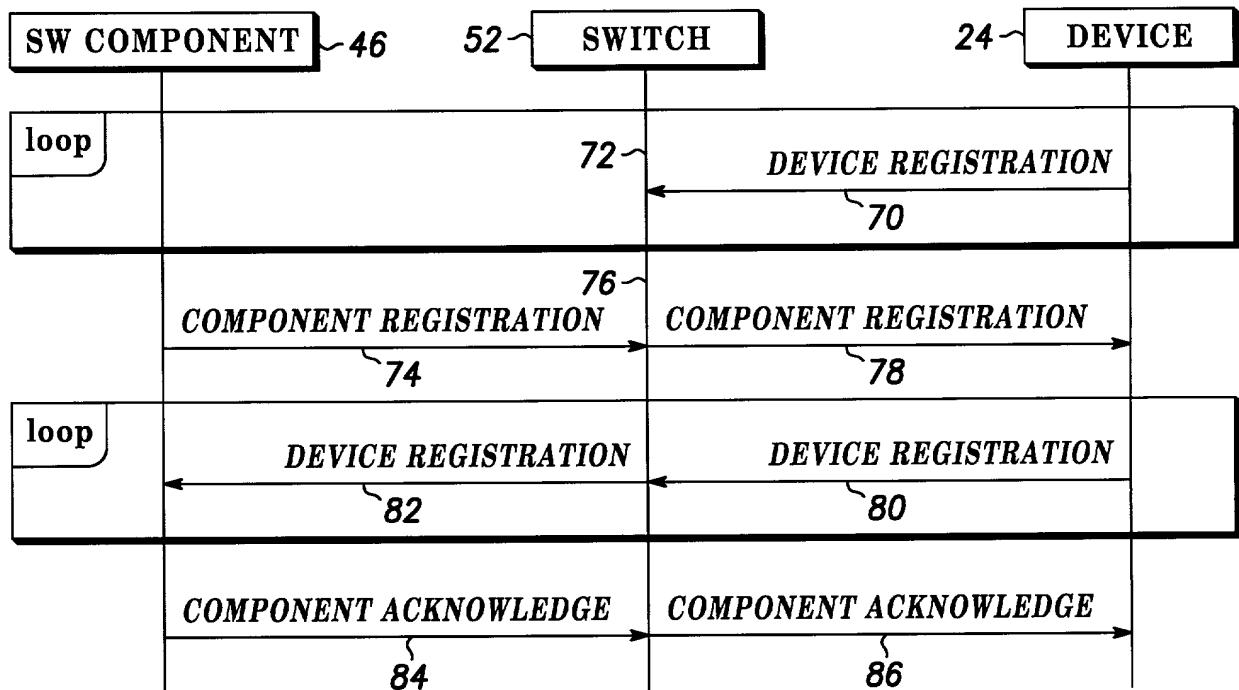


FIG. 8

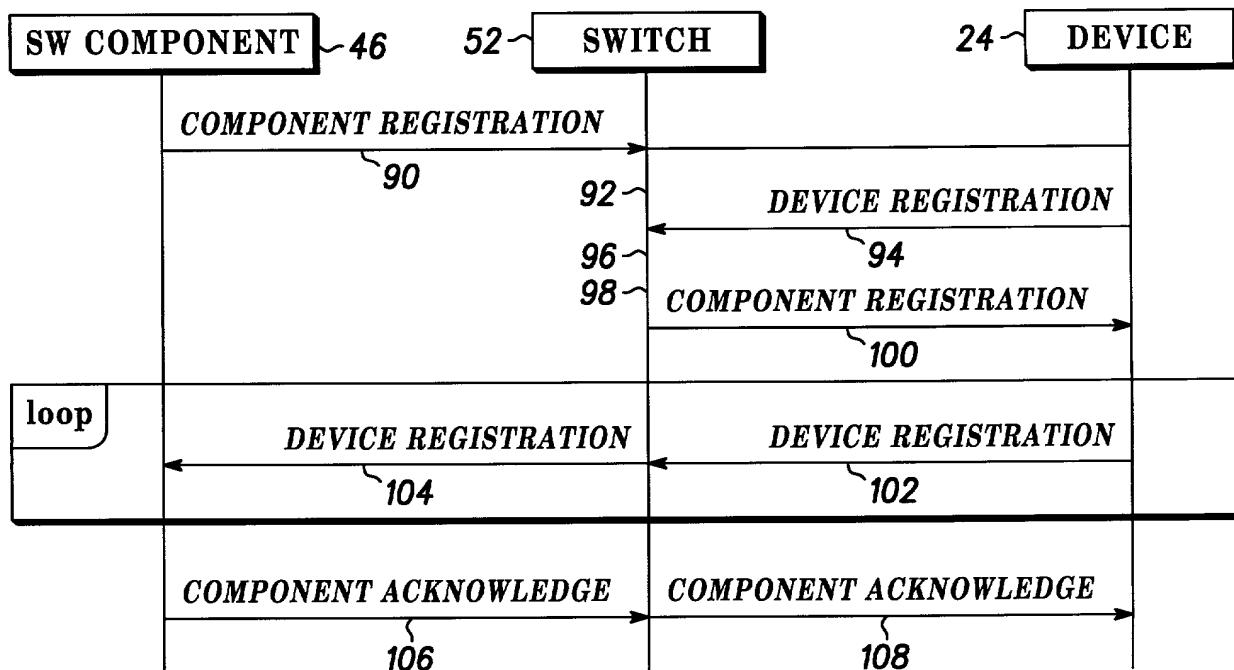


FIG. 9

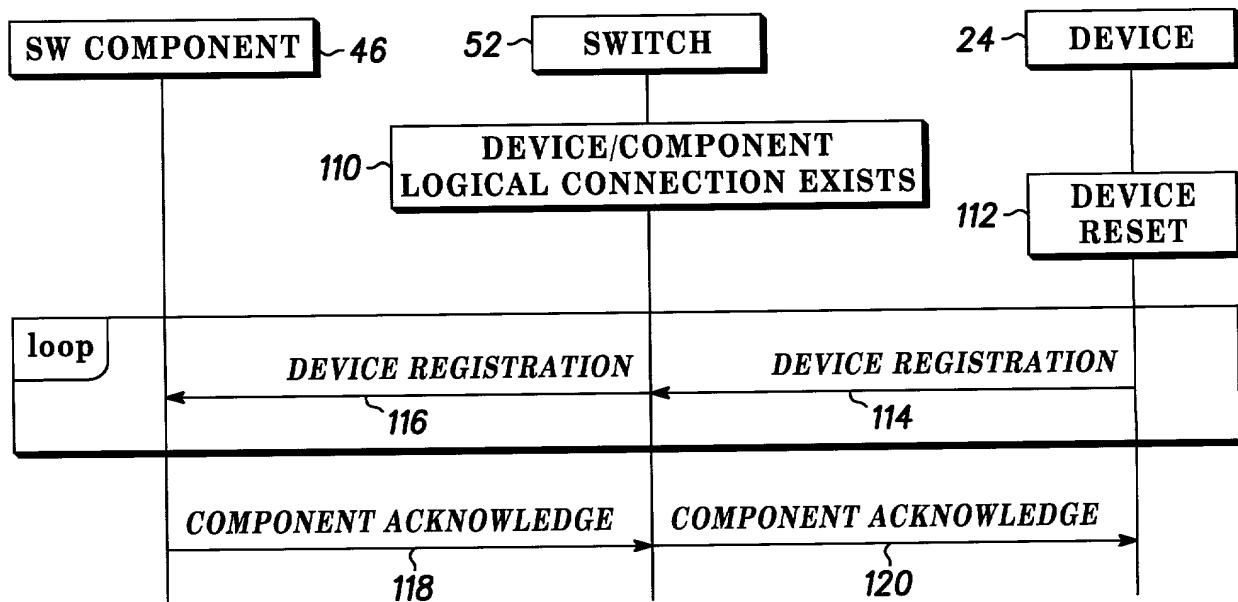


FIG. 10

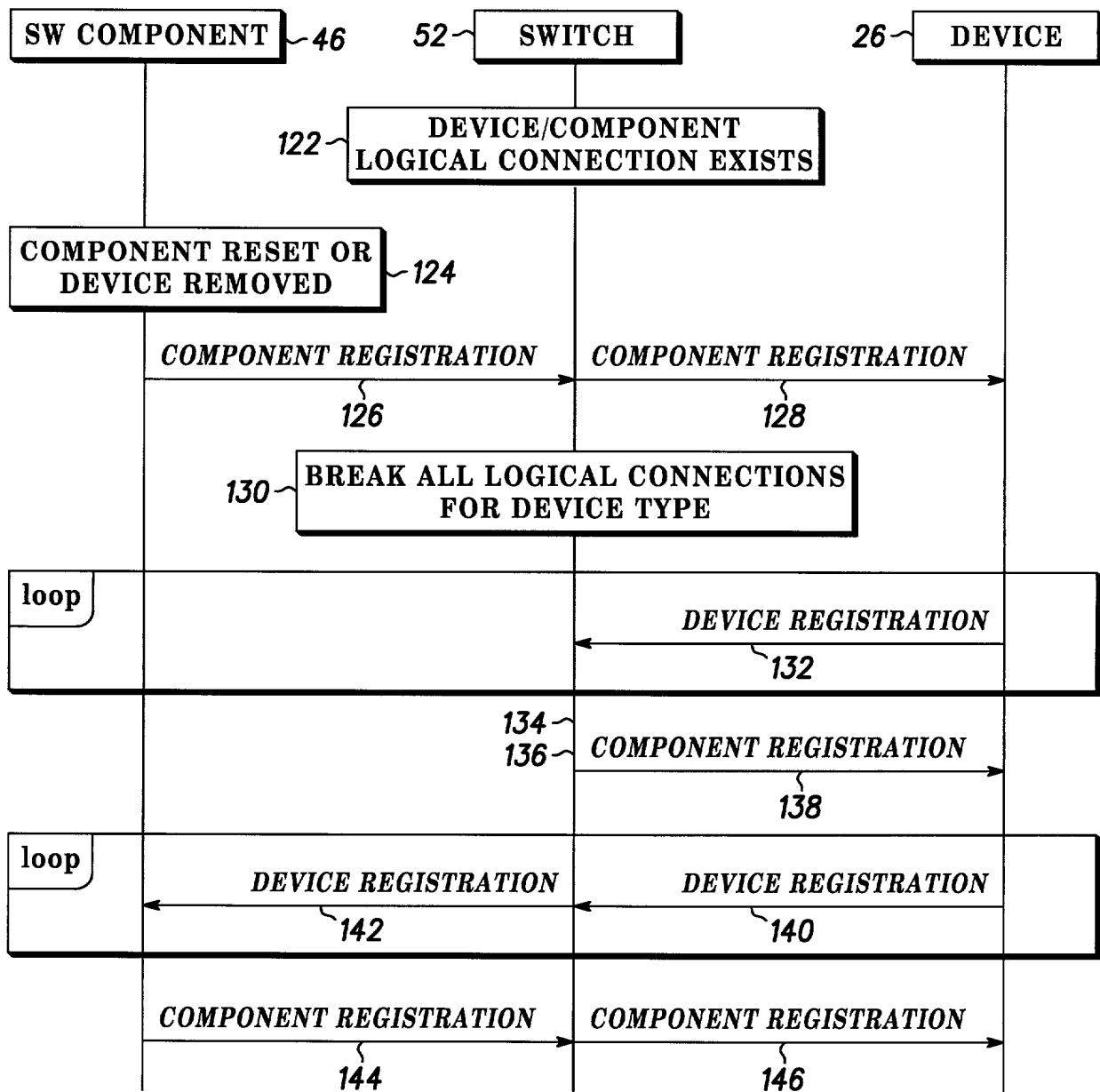


FIG. 11